

Name: Vignesh S

Regno: 192325002

**Experiment: 31. Implement a Segmentation algorithm using Open CV to segment the given input image based on the given threshold values.**

**Code:**

```
import cv2  
  
i = cv2.imread("image.jpg", 0)  
  
t, s = cv2.threshold(i, 120, 255, cv2.THRESH_BINARY)  
  
cv2.imshow("Original Image", i)  
  
cv2.imshow("Segmented Image", s)  
  
cv2.waitKey(0)  
  
cv2.destroyAllWindows()
```

**Input and Output:**

